WEEE REPORT

Report No.:	BCTC2505132553-2R
Applicant:	Shenzhen Huafurui Technology Co., Ltd.
Product Name:	Smartphone
Test Model:	P90
Tested Date:	2025-04-01 to 2025-04-24
Issued Date:	2025-05-08

Shenzhen BCTC Testing Co., Ltd.

Product Name	Smartphone
Test Model	P90
Applicant	Shenzhen Huafurui Technology Co., Ltd.
Address	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China
Manufacturer	Shenzhen Huafurui Technology Co., Ltd.
Address	Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China
Trademark	CUBOT
Sample Received Date	2025-04-01
Test Type	Entrustment Test
Test Requested	As specified by client, to assess the reuse/recycle/recovery of the submitted sample under article 11 and Annex V of Directive 2012/19/EU.
Test Conclusion	When tested as specified, the results shown on the report meet the requirements of the Reuse/Recycling/Recovery Rate of Directive 2012/19/EU released on EU Official Journal (OJ).

Prepared by: Rose

Rose

Approved by: Saher Chen

Saher Chen

1. Product Description

Product Name	Smartphone
Test Model	P90
Product Weight	303 g
Category under the WEEE directive	Small IT and telecommunication equipment

2. Result of Reuse/Recycling/Recovery Assessments

Reuse/Recycling/Recovery	Reuse/Recycling Rate (%)	Recovery Rate (%)
Reuse/Recycling/Recovery Target of Products Under WEEE Directive	75	55
Result of Assessment	82.61	82.61
WEEE Compliance	Pass	Pass

3. Appearance of the Product

4. Disassembly Assessment

4.1 Disassembly Procedure

The product is disassembled into different parts and grouped by the type of material sharing common characteristic(such as plastic, metal, glass) based on the treatment requirements as set out in the WEEE Directive, followed by the current state of the art of recycling and recovery technology. In addition, the recycling is subject to the economic feasibility, disassembly tools, only bigger parts that can be easily separated are included in the recycling and reuse calculation. Other parts, respectively materials that cannot be separated by e.g. standard tools are classified as either unspecified materials or distributed to the relative waste fraction is expected with recovery rate.

4.2 Disassembly Tools

The disassembly tools used for this product show as following:

Disassembly Tool	Picture
Slotted screwdriver	
Cross screwdriver	
Nipper	

4.3 Connection Technique

Screw : 26	Glue : 10

4.4 Disassembly Time

51 minutes

4.5 Disassembly Tree

5. Selective Treatment for Materials and Components

According to Article 8(2) and the Annex VII of the WEEE Directive, this product contains components and materials items are described in the following table.

Component/Material	Photo No.	Size/Model	Quantity	Weight (g)
Print circuit board	A4	(6.86×4.69)cm²	1	16
Print circuit board	A4	(4.7×3.5)cm²	1	23.7
Print circuit board	A4	(3.75×1.88)cm²	1	1.4

6. Material Recycling Information

6.1 Material Reuse/Recycling and Recovery Table

Photo No.	Component / Material Composition	Weight (g)	Percent Weight (%)	Reuse / Recycling Rate (%)	Energy Recovery Rate (%)	Recovery Rate (%)
A1	Plastic	52.5	17.33	15.42	/	15.42
A2	Metal	40.3	13.3	12.24	/	12.24
A3	Capacitor screen	59.4	19.6	16.07	/	16.07
A4	PCBA	41.1	13.56	10.31	/	10.31
A5	Wire	34.8	11.49	9.54	/	9.54
A6	Battery	64.2	21.19	16.59	/	16.59
A7	FPC	4.4	1.45	0.87	/	0.87
A8	Horn	5.2	1.72	1.27	/	1.27
A9	Glass	1.1	0.36	0.3	/	0.3
Total		303	100	82.61	/	82.61

6.2 Reuse/Recycling and Recovery Rate Calculation

Calculation Method	
Product total weight	a(g)
Weight of components, sub-assemblies and consumables which are reused for their original purpose or recycled.	b(g)
Weight of materials or components where energy is recovered through incineration.	c(g)
Reuse / Recycling Rate	b/a *100(%)
Recovery Rate	(b+c)/a *100(%)

7. ANNEX VII of WEEE Directive (2012/19/EU)

Selective treatment for materials and components of waste electrical and electronic equipment referred to in Article 8(2)

As a minimum the following substances, mixtures and components have to be removed from any separately collected WEEE

—polychlorinated biphenyls (PCB) containing capacitors in accordance with Council Directive 96/59/EC of 16 September 1996 on the disposal of polychlorinated biphenyls and polychlorinated terphenyls (PCB/PCT),

—mercury containing components, such as switches or backlighting lamps,

—batteries,

—printed circuit boards of mobile phones generally, and of other devices if the surface of the printed circuit board is greater than 10 square centimetres,

—toner cartridges, liquid and paste, as well as colour toner,

—plastic containing brominated flame retardants,

—asbestos waste and components which contain asbestos,

—cathode ray tubes,

—chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC) or hydrofluorocarbons (HFC), hydrocarbons (HC),

—gas discharge lamps,

—liquid crystal displays (together with their casing where appropriate) of a surface greater than 100 square centimeters and all those back-lighted with gas discharge lamps,

—external electric cables,

—components containing refractory ceramic fibres as described in Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances,

—components containing radioactive substances with the exception of components that are below the exemption thresholds set in Article 3 of and Annex I to Council Directive 96/29/Euratom of 13 May 1996 laying down basic safety standards for the protection of the health of workers and the general public against the dangers arising from ionizing radiation,

—electrolyte capacitors containing substances of concern (height > 25 mm, diameter > 25 mm or proportionately similar volume). These substances, mixtures and components shall be disposed of or recovered in compliance with Directive 2008/98/EC.

8. Recommendations for WEEE Directive Compliance

(1) To make the product comply with the reuse/recycling/recovery target required under WEEE Directive (2012/19/EU) and other EU waste regulation, the applicant company should consider the product they design can be easily reused and recycled by selecting recyclable materials and components.

(2) To make the product easily dismantled, less the disassembling time, the applicant company should design the product for easy disassembly by choosing easy separate techniques, avoiding the utilizing embedded components, designing the separable procedure.

(3) The product should be subjected to the RoHS Directive (2011/65/EU), restricting using hazardous substance. In addition, the materials selected to design should consider the dangerous substance regulated or list under other environmental specifications, as Regulation (EC) 1907/2006(REACH), 67/548/EEC, etc.

(4) In case that a product have new design, or employ materials or components, then the product should need to be reassessed and retested in accordance with the WEEE Directive for reuse/recycle/recycling target and RoHS for restricted substances requirement.

(5) The applicant company should take attention to the future possible update concerning the WEEE Directive and related requirement.

STATEMENT

1. The equipment lists are traceable to the national reference standards.

2. The test report can not be partially copied unless prior written approval is issued from our lab.

3. The test report is invalid without the "special seal for inspection and testing".

4. The test report is invalid without the signature of the approver.

5. The test process and test result is only related to the Unit Under Test.

6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.

7. The quality system of our laboratory is in accordance with ISO/IEC17025.

8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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